

What is claimed is:

1. A liquid crystal display device manufacturing method comprising the steps of:

5 forming a sealing member along a periphery of a display area on a first surface of a first substrate;

10 dropping a liquid crystal to the first surface of the first substrate from a liquid crystal supply needle provided to a syringe in which the liquid crystal is filled; and

15 dropping down the liquid crystal, that is adhered to a surface of the liquid crystal supply needle, onto the first substrate by an external force in a middle of dropping of the liquid crystal or after the liquid crystal is dropped.

2. A liquid crystal display device manufacturing method according to claim 1, wherein the external force is generated by blowing a gas against the liquid crystal supply needle.

20 3. A liquid crystal display device manufacturing method according to claim 2, wherein a method of blowing the gas against the liquid crystal supply needle is a method of blowing the gas against the liquid crystal supply needle from an air supply needles that are arranged around the liquid crystal supply needle.

4. A liquid crystal display device

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manufacturing method according to claim 1, wherein the external force is generated by static electricity of the substrate obtained by charging the substrate.

5 5. A liquid crystal display device manufacturing method according to claim 1, wherein the liquid crystal in the syringe is pushed out into the liquid crystal supply needle by a plunger that is pushed mechanically, or is pushed out into the
10 liquid crystal supply needle by an air pressure.

 6. A liquid crystal display device manufacturing method comprising the steps of:

 forming a sealing member along a periphery of a display area on a first surface of a first
15 substrate;

 dropping a liquid crystal to the first surface of the first substrate at a stroke from a top end of a liquid crystal supply needle, that is provided to a lower end of a syringe in which the liquid crystal
20 is filled, by a defined amount at a dropping speed that causes the liquid crystal not to leave finally on a surface of the liquid crystal supply needle; and

 supplying the liquid crystal into the syringe by
25 the defined amount.

 7. A liquid crystal display device manufacturing system comprising:

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a loading table on which a substrate is loaded;
a syringe arranged over the loading table and
filled with a liquid crystal;

5 a liquid crystal supply needle fitted to a
lower portion of the syringe, for dropping the
liquid crystal; and

an air supplying means arranged around the
liquid crystal supply needle, for blowing a gas
against the liquid crystal supply needle.

10 8. A liquid crystal display device
manufacturing system according to claim 7, wherein
the air supplying means having air supply needles
each has a blowing port directed to the liquid
crystal supply needle, and at least two air supply
15 needles are provided.

9. A liquid crystal display device
manufacturing system according to claim 7, wherein
the syringe has a structure that drops the liquid
crystal from the liquid crystal supply needle by a
20 mechanical or air pressure.

10. A liquid crystal display device
manufacturing system according to claim 7, wherein
the syringe and the loading table are arranged
relatively movably.

25 11. A liquid crystal display device
manufacturing system comprising:

a loading table on which a substrate is loaded;

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